

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	238	(137/463).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:02
S2	6	("2806484").URPN.	USPAT	OR	OFF	2006/05/24 14:13
S3	182	(137/461).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:42
S4	193	(137/624.27).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:57
S5	816	(251/75).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:57
S6	763298	ball or sphere	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/05/24 14:58
S7	42	S5 and S6	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/05/24 14:58
S8	9	("2686528"   "2902046"   "3389718"   "4015627"   "4017053"   "4073466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/24 16:44
S9	4	("4523602").URPN.	USPAT	OR	OFF	2006/05/24 16:45
S10	10	("2587358"   "3082785"   "3098499"   "3228417"   "3511266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/24 16:47
S11	20	("4173986").URPN.	USPAT	OR	OFF	2006/05/24 16:47
S12	6	("2806484").URPN.	USPAT	OR	OFF	2006/05/24 16:47
S13	6	("2806484").URPN.	USPAT	OR	OFF	2006/05/24 16:49
S14	5	("4015627").URPN.	USPAT	OR	OFF	2006/05/24 16:53
S15	5	("4015627").URPN.	USPAT	OR	OFF	2006/05/24 16:54
S16	16	("2297003"   "2940468"   "3029836"   "3040772"   "3409037"   "3411533"   "3572378"   "3703191"   "3800736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/24 16:56

## EAST Search History

S17	5251	(137/505\$).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 16:56
S18	0	("10ands6").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 16:56
S19	763298	ball or sphere	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/05/24 16:56
S20	206	S17 and S19	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/05/24 16:57
S21	10	("2587358"   "3082785"   "3098499"   "3228417"   "3511266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/24 17:04
S22	20	("4173986").URPN.	USPAT	OR	OFF	2006/05/24 17:06
S23	231	(137/505.38).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 17:07
S24	1176	(137/494).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 17:07
S25	78	S19 and S24	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/05/24 17:07
S26	9	("1891119"   "3203246"   "3409037"   "3592222"   "3780759"   "4015627").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/24 17:10
S27	2	("4178960").URPN.	USPAT	OR	OFF	2006/05/24 17:11

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((valve adj2 controller) and ball and (maximun adj2 pressure) and guide and plunger).clm.	US-PGPUB	OR	OFF	2006/05/24 18:48
L2	2	((valve adj2 controller) and ball and guide and plunger).clm.	US-PGPUB	OR	OFF	2006/05/24 18:49

interference search 10/811,108

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